AMENDMENT TO THE CLAIMS

1.(Currently Amended) A method of capturing images in a camera, the method comprising:

acquiring a first set of image data based on a first frame of light entering the camera;

performing at least one pre-capture processing function on the first set of image data to produce a pre-capture result;

acquiring a second set of image data based on a second frame of light entering the camera;

performing at least one pre-capture processing function on a portion of the second set of image data to produce a test result and comparing the test result to a pre-capture result;

~~performing at least one post capture processing function on the second set of image data to produce a post capture result;~~

generating final image data by modifying the second set of image data. ~~based on the pre capture result and the post capture result.~~

2. (Original) The method of claim 1 wherein performing at least one pre-capture processing function comprising performing a white balance processing function to produce a white balance value as the pre-capture result.

3. (Original) The method of claim 1 wherein performing at least one pre-capture processing function comprises performing a contrast adjustment function to produce a contrast value as the pre-capture result.

4. (Withdrawn) The method of claim 1 wherein performing at least one pre-capture processing function comprises performing a red-eye reduction function to produce a set of red-eye compensation values as the pre-capture result.

5. (Original) The method of claim 1 wherein performing at least one pre-capture processing function comprises performing a flesh tone correction function to produce a flesh tone correction value as the pre-capture result.

6. (Cancelled)

7. (Cancelled)

8. (Withdrawn) The method of claim 1 further comprising receiving an external indication that an image should be captured before acquiring the second set of image data.

9. (Withdrawn) The method of claim 1 further comprising receiving a pre-capture event before acquiring the first set of image data.

10. (Withdrawn) The method of claim 9 wherein the pre-capture event is an indication that a user has pressed a capture button half-way down.

11. (Withdrawn) The method of claim 9 wherein the pre-capture event is produced by a software routine.

12. (Withdrawn) The method of claim 1 further comprising triggering a red-eye reduction flash before acquiring the first set of image data and triggering a main flash before acquiring the second set of image data.

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) The method of claim 1~~14~~ further comprising performing the pre-capture processing function on the entire second set of image data if the test result and pre-capture result are not sufficiently similar.

16. (Cancelled)

17. (Currently Amended) A camera having processor-executable components for capturing images, the components comprising:

an image acquisition component capable of acquiring image data representing a single frame of light;

a pre-capture processing component capable of performing a pre-capture function based on image data acquired by the image acquisition component for a first frame of light and capable of performing the pre-capture function on a portion of image data acquired by the acquisition component for a second frame of light;

~~a post-capture processing component capable of performing a post-capture function on image data acquired by the image acquisition component for a second frame of light; and~~

a comparison component capable of comparing the results of performing the same pre-capture function on the image data for the first frame of light and on the portion of the image data for the second frame of light; and

an image production component capable of producing final image data by modifying the image data

acquired for the second frame of light. ~~based on results from the pre-capture function and the post-capture function.~~

18. (Original) The camera of claim 17 wherein the pre-capture processing component is capable of performing a white balance function based on the image data for the first frame of light.

19. (Original) The camera of claim 17 wherein the pre-capture processing component is capable of performing a contrast function based on the image data for the first frame of light.

20. (Withdrawn) The camera of claim 17 wherein the pre-capture processing component is capable of performing a red-eye reduction function based on the image data for the first frame of light.

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) The camera of claim 17~~24~~ wherein the comparison component causes the pre-capture processing component to perform the pre-capture function on all of the image data for the second frame of light when the results of performing the pre-capture function on a portion of the image data for the second frame of light are substantially different than the results of performing the pre-capture function on the image data for the first frame of light.

26. (Cancelled)

27. (Cancelled)